LEICA DIGILUX 4.3

Digital photography made simple – with the LEICA DIGILUX 4.3.

People expect more from a digital camera made by Leica, and the LEICA DIGILUX 4.3 has been created to meet these expectations: its ergonomic appearance, the compact size and its weight of only 245 gram (without storage battery) make it into **the handiest digital 3x zoom camera of its class**. This fact (and accessories such as the LEICA digimacro 4.3 macro attachment) allow it to become the ideal photography medium in medicine, for experts or for private use. A consistent further development of the LEICA DIGILUX and LEICA digilux zoom, the LEICA DIGILUX 4.3 is characterized by first-class workmanship, absolute reliability, and long service life. With high performance, simple handling, many features, and professional accessories it is the companion for everyone who wants immediate access to the results of his shots. This is also backed up by its sturdy aluminum-magnesium casing, and the 32 MB memory card supplied that can store up to 500 images. Where it is important for the top-quality images to be available and transferred rapidly, the LEICA DIGILUX 4.3 is the ideal solution.

Sensitive perception –
thanks to Super CCD Technology.
The Super CCD Technology of the LEICA DIGILUX 4.3 is based on the best model: human sight. Octagonal pixels, arranged in a honeycomb pattern at 45° angles, ensure maximum integration density and a higher light-sensitive proportion of the image sensor in comparison to conventional CCD systems. This means that the LEICA DIGILUX 4.3 greatly enhances the digital image quality once again, resulting in improved resolution and **sharper, clearer pictures**. A superiority that is also made clear, for example, in the very natural and realistic representation of colors.

Not a new image of the world –
but with 4.3 mega pixels a sharper one.
Quantity instead of quality? With the LEICA DIGILUX 4.3 you get the one without having to compromise on the other. The Super CCD System generates image files of 4.3 mega pixels and ensures that formats of up to 13 x 18 cm are **printed in perfect focus**. Above and beyond this, any other desired output format can be chosen. Both for photodocumentation at work and for private snapshots, the LEICA DIGILUX 4.3 meets all the conditions for the perfect reproduction of details.

Low light levels –
no problem for the LEICA DIGILUX 4.3.
Insufficient light? This is not a problem for users of the LEICA DIGILUX 4.3 **available light digital camera** with its sensitivity up to ISO 800. With this more effective use of light it is capable of still making excellent images when other cameras would have long given up: e.g. in diffuse light, or when the use of an automatic flash is undesirable. So there is another major plus for spontaneous, uncomplicated pictures in this discipline, too.

Closer to events –
with an optical 3x zoom.
Something that appears very close on the 2" TFT LCD monitor (130,000 pixels) of the LEICA DIGILUX 4.3, is often taking place some distance away. This is possible thanks to its optical 3x zoom objective with aspherical lenses (1 : 2.8 – 4.5 / 8.3 – 24.9 mm), whose focal length range of 36 – 108 mm corresponds to that of a 35-mm camera. This means that the **high resolution remains constant over the entire focal length range**. So when you want to take a photograph without becoming part of the action yourself, the LEICA DIGILUX 4.3 should not be too far away.

LEICA DIGILUX 4.3
Order No.
18 200 E type (Europe 230 V), PAL
18 201 U type (110 V), NTSC

Camera type
Ultra compact digital camera with optical 3x zoom lens

Dimensions
Width 78 mm, height 97.5 mm, depth 32.9 mm

Weight
A mere 245 g (without storage battery)

Sound and motion –
thanks to video/audio function.
There are situations where a picture just does not say enough. That is why the LEICA DIGILUX 4.3 gives you the opportunity to record **film sequences of up to 80 seconds** duration (10 images/sec. with 320 x 240 pixel resolution) – including sound! Its video output means that such sequences (as well as individual pictures) can be viewed on your television or recorded onto a cassette by your video recorder.

Data transfer without a speed limit –
via USB connection.
In these days of ever-quicker information the speed of the recording medium is also important. Thanks to the new, rapid USB camera interface image data can be transferred to a PC or Apple Macintosh in **JPEG format** without any loss of time, and they can be retouched there with the aid of software.

Making good quality even better –
Adobe Photoshop 5.0 LE.
Thanks to the Adobe Photoshop 5.0 LE professional image processing software supplied, you can alter your photographs at your will: distortion, color correction, enlarging, reducing and many other **image processes** are possible quite easily. Not least, all of these multifunctional possibilities make the LEICA DIGILUX 4.3 into a pioneering tool that you will soon not want to be without.

Now everything is digital – with the LEICA digicopy 4.3.

The LEICA DIGILUX 4.3 in combination with the LEICA digicopy 4.3 make the digitization of color slide films and black-and-white negatives child's play. Framed slides are simply placed directly in the device, there is a secure holder for film strips. The optical system of the LEICA digicopy 4.3 comprises an achromat with two lenses and a field lens. It guarantees optimum contrast rendition, with the result that your images can be read into the computer and processed with top quality. When you use the LEICA digicopy 4.3 you have an optimum means of digital archiving and low-cost reproduction of slide and negative film material.

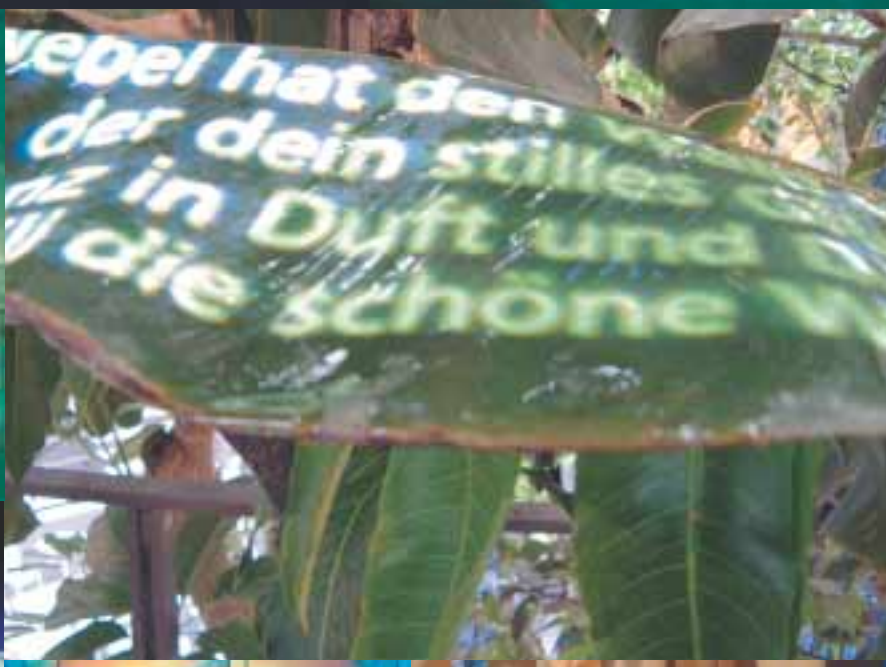
— **LEICA digicopy 4.3**
Black anodized
incl. negative strip holder for 35-mm film and screw for mounting on stand
Order No. 18 620

— **Angle bracket for LEICA digicopy 4.3**
needed for adaptation to the camera, compatible with LEICA digimacro 4.3
Order No. 18 622

Simon Puschmann

After his education at the Lette Verein Berlin, Simon Puschmann (born 1968) worked in an emergency camp for political asylum-seekers. Puschmann has worked as a freelance photographer since 1992 and has received numerous awards for his work.

The following photos were taken by Simon Puschmann with the LEICA DIGILUX 4.3 at the World Expo 2000 in Hannover, Germany.


der dein stilles
in Duft und
die schöne

2070

“The objects in my pictures should be different, they should look better than the moment in which I captured them. A simple documentation doesn’t interest me. I don’t need a camera for that. Each person can just see it for himself.”

Simon Puschmann, 2000

Getting up close –
with the LEICA digimacro 4.3.

Further evidence of the versatility of the LEICA DIGILUX 4.3 is provided by the specially developed LEICA digimacro 4.3 close-up attachment. It expands the close-up limit of the lens and enlarges the linear magnification. Its high-quality optical system comprises a coated achromat that ensures optimum contrast rendition. **This means that objects down to 13 x 17 mm in size can now be photographed filling the whole frame**. The particular suitability of the LEICA digimacro 4.3 is mainly in the documentary sphere of medical reporting and expert opinions, as well as the photography of microorganisms and details of plants.

13 x 17 mm

— **LEICA digimacro 4.3**
Black anodized
Order No. 18 621

— **Angle bracket for LEICA digimacro 4.3**
needed for adaptation to the camera, compatible with LEICA digicopy 4.3 (removable base by macro photography)
Order No. 18 622

Super CCD Image Sensor
Maximum image quality thanks to high resolution: 1/1.7" Super CCD with 2.4 million pixels

Picture file
4.3 million pixels (2,400 x 1,800 / 1,280 x 960 / 640 x 480 pixels), 24 bit color intensity

File format
JPEG (Exif) with three different compression rates (1/5, 1/11, 1/27)

Scale 1:1

Storage medium
High memory capacity thanks to SmartMedia™ Card (3.3 V; 4 – 64 MB)

Lens
No loss of resolution over the entire focal length range thanks to optical 3x zoom lens
1:2.8 – 4.8 / 8.3 – 24.9 mm ASPH

Focal length
At 36 – 108 mm corresponds to that of a 35-mm camera

Sensitivity to ISO 800
Available Light photography: corresponds to ISO 200 / 400 / 800

Exposure control
Automatic program exposure (64 zones)

White balance
Automatic / manually controllable (daylight, daylight in shade, fluorescent lamps with warm tone and cold tone)

Shutter speed
1/2000 sec. to 3 sec.

Viewfinder
Optical real image viewfinder and digital TFT LCD motor

Flash
Manually adjustable integrated automatic flash, flash shooting range approx. 0.2 – 4 m (wide angle) and approx. 0.2 – 3 m (tele)

LCD color monitor
Shot can be visualized immediately on 2" TFT LCD monitor with low temperature polysilicon technology (130,000 pixels)

Digital interface
Rapid image data transmission via USB, Video / Audio

Video output
Direct link to TV
NTSC / PAL (country-specific)

Slide show

Focusing distance
Automatic / manual 20 cm to infinity

Compatibility
Windows 98 / Windows NT 4.0 (without USB)/ Windows 2000 / MAC operating system 8.5.1 to 9.0

Exposure compensation
Manual and autobracketing mode (± 1/3, ± 2/3 or ± 1 EV)

Power supply
Standard mignon 2 AA storage batteries, AC power adapter (Fuji accessories and optional)

Additional functions
Self-timer: 10 sec.
Multiple shutter release:
0.2 sec./image, up to 3 images
Video recording: 320 x 240 pixels, 10 images/sec. up to 80 sec.
Playback: single picture (with 15 x playback zoom)
9 images (multi-image playback)
automatic playback

Delivery scope
32 MB SmartMedia™ Card
Wrist strap
2 Ni MH storage batteries
Ni MH charger
USB cable
AV cable
Software (Adobe Photoshop 5.0 LE, USB driver, Exif viewer, Exif launcher, DP editor)

Further accessories
LEICA soft leather case
Order No. 18 600
LEICA digicopy 4.3
LEICA digimacro 4.3
Black anodized angle bracket

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Cover and centerfold photography: Simon Puschmann, Hamburg

my point of view

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